

PERFORMANCE SPECIFICATION
CAPACITOR, FIXED, CERAMIC DIELECTRIC,
SWITCH MODE POWER SUPPLY
(GENERAL PURPOSE AND TEMPERATURE STABLE),
STANDARD RELIABILITY AND HIGH RELIABILITY,
GENERAL SPECIFICATION FOR

This amendment forms part of MIL-PRF-49470A, dated 11 January 2000, and is approved for use by all Departments and Agencies of the Department of Defense.

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TABLE IV, delete and substitute:

"TABLE IV. Configuration.

Symbol (last digit of PIN)	Lead style	Height profile (Dimension A)	Formed lead length, L (inches)
N	N (straight)	Standard	N/A
L	L (formed)	Standard	.070 ± .010
M	L (formed)	Standard	.045 ± .010
J	J (formed)	Standard	.070 ± .010
K	J (formed)	Standard	.045 ± .010
A	N (straight)	Low	N/A
B	L (formed)	Low	.070 ± .010
D	L (formed)	Low	.045 ± .010
C	J (formed)	Low	.070 ± .010
F	J (formed)	Low	.045 ± .010

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3.21, following the capacitance requirement, add:

"Dissipation factor

As specified in 3.12."

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- * 3.27.2, second paragraph, delete "Case codes 1, 2, 3, and 6" and substitute "Case codes 1, 2, and 6".
- * 3.27.2, add after third paragraph, "Case code 3 parts shall either be fully marked or partially marked like case code 4 or 5 parts, at the option of the manufacturer".
- * 3.27.4, third sentence, delete "PINr" and substitute "PIN".
- * After 3.29, add 3.30:

"3.30 Low temperature storage. When tested as specified in 4.8.23, capacitors shall withstand the low temperature as specified without evidence of mechanical damage."

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- * Table V, group III, delete in its entirety and substitute:

<u>Group III</u>				
Low temperature storage	3.30	4.8.23		
Barometric pressure	3.14	4.8.9	6	1
Terminal strength	3.24	4.8.10		

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- * 4.8.5.2.1, first sentence, delete "a minimum of 120 percent" and substitute "120 percent".
- * 4.8.5.2.2, first sentence, delete "a minimum of 120 percent" and substitute "120 percent".

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- * After 4.8.22, add 4.8.23:

"4.8.23 Low temperature storage (see 3.30). Capacitors shall be subjected to exposure at -65°C +0°C, -3°C for a period of 8 hours, minimum."

The margins of this amendment are marked with an asterisk to indicate where changes (additions, modifications, corrections, deletions) from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

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Custodians:
Army - CR
Navy - EC
Air Force - 11
NASA - NA
DLA - CC

Preparing activity:
Army - CR
(Project 5910-2186)

Review activities:
Army - AR, AT, AV, CR4, MI
Navy - MC
Air Force - 19, 99